



Please observe the following when setting up the device

> Mount the device into a 19" unit in a server cabinet

> For devices to be operated on the desktop, please attach the adhesive rubber footpads

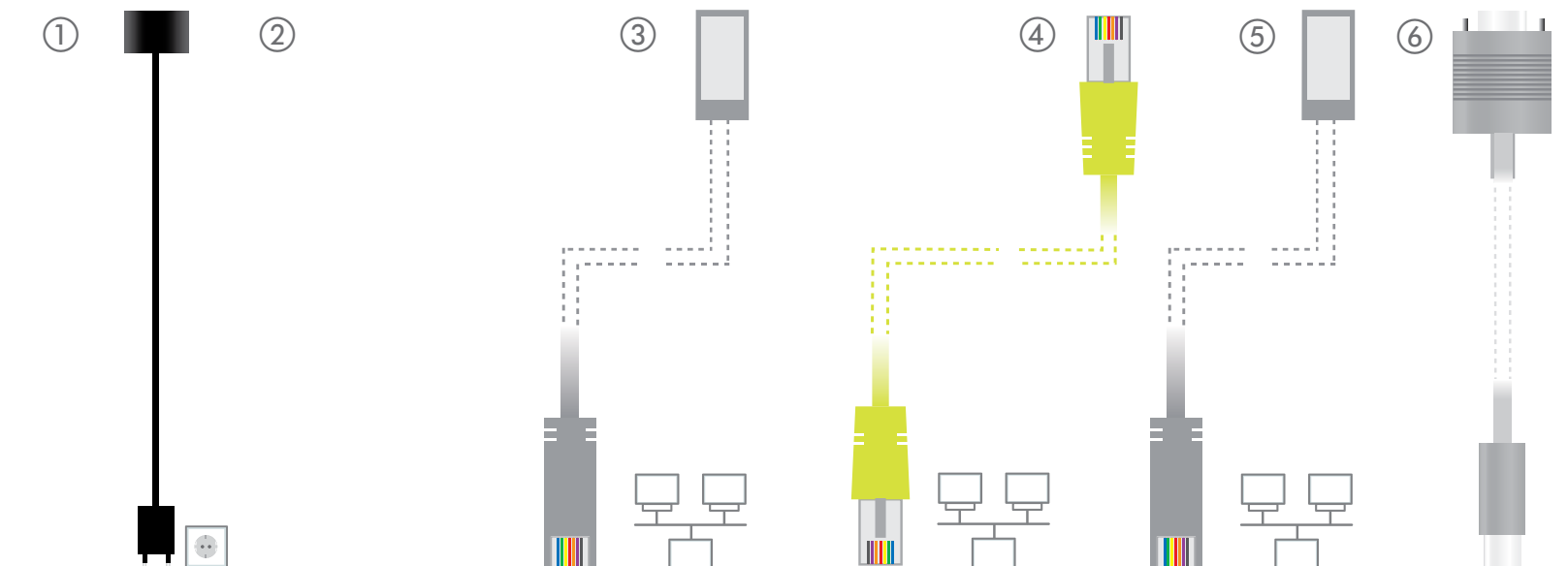
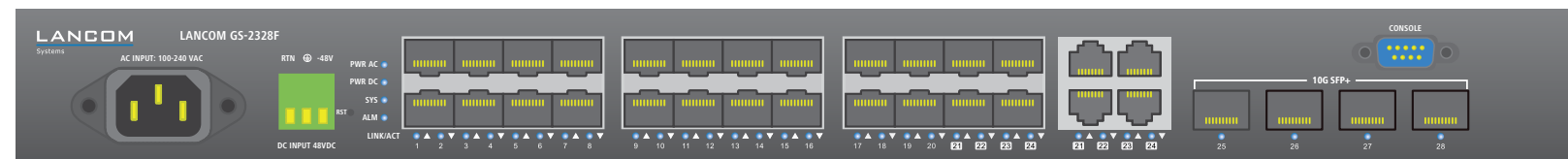
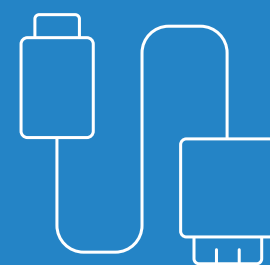
> Do not rest any objects on top of the device



> Ensure that the ventilation slots remain unobstructed

LANCOM GS-2328F

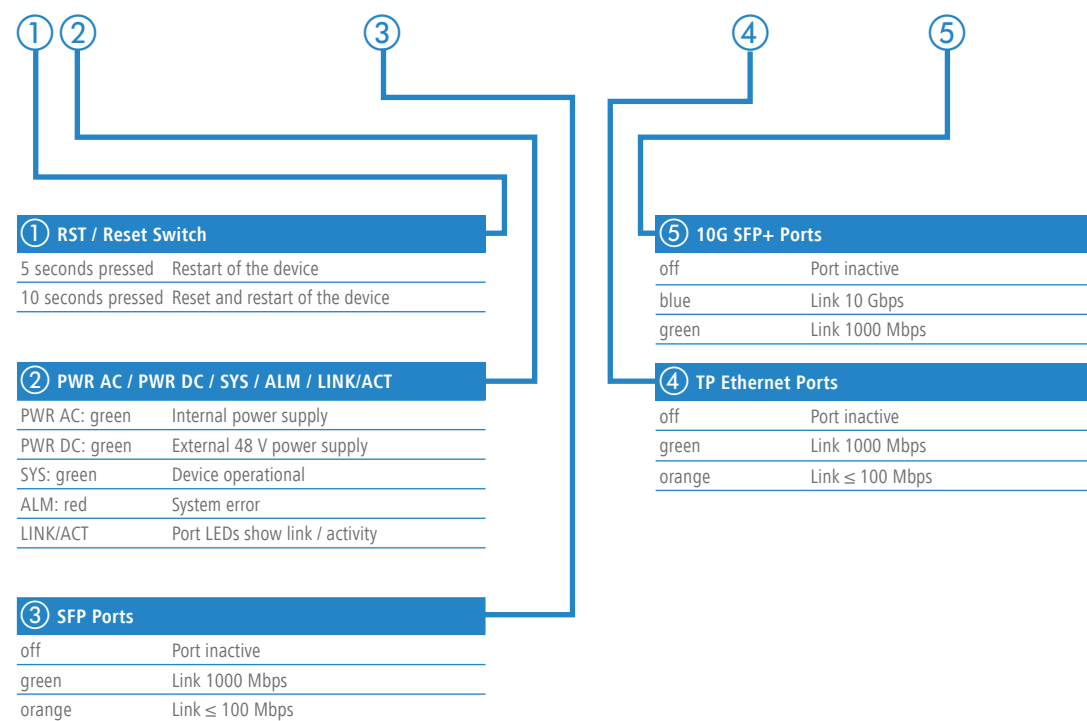
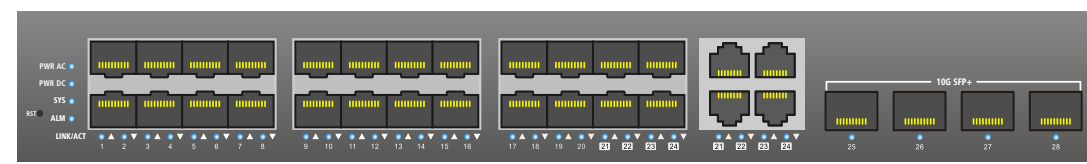
Quick Reference Guide



- ① **Power connector**
Supply power to the device via the power connector. Please use the IEC power cable supplied.
- ② **Power connector (optional)**
If required, connect the interface to an external 48 V DC power supply unit.
- ③ **SFP ports**
Insert a suitable SFP module (e.g. 1000Base-SX or 1000Base-LX) into one of the SFP ports. Choose a cable compatible with the module's documentation.
- ④ **TP Ethernet combo ports**
Connect one of the TP Ethernet ports 21-24 via an Ethernet cable to your end device or another LAN switch.
- ⑤ **10G SFP+ ports**
Insert a suitable SFP module (e.g. 10GBase-SX, 1000Base-SX, or 1000Base-LX) into one of the SFP ports. Choose a cable compatible with the SFP module and connect it as described in the module's documentation.
- ⑥ **Serial connector**
Connect the serial interface (CONSOLE) via the included serial configuration cable to the serial interface of the device you want to use for configuring/monitoring the switch.

! Ports 21 to 24 are combo ports. Either the TP- or the SFP port can be used.

MOUNTING AND CONNECTING THE DEVICE



① **RST / Reset Switch**
5 seconds pressed Restart of the device
10 seconds pressed Reset and restart of the device

② **PWR AC / PWR DC / SYS / ALM / LINK/ACT**
PWR AC: green Internal power supply
PWR DC: green External 48 V power supply
SYS: green Device operational
ALM: red System error
LINK/ACT Port LEDs show link / activity

③ **SFP Ports**
off Port inactive
green Link 1000 Mbps
orange Link ≤ 100 Mbps

⑤ **10G SFP+ Ports**
off Port inactive
blue Link 10 Gbps
green Link 1000 Mbps

④ **TP Ethernet Ports**
off Port inactive
green Link 1000 Mbps
orange Link ≤ 100 Mbps

Hardware	
Power supply	Internal power supply unit (110–230 V, 50-60 Hz), external 48 V power supply (optionally)
Power consumption	max. 39 watts
Environment	Temperature range 0–40°C; humidity 10–90%; non-condensing
Housing	Robust metal housing, 19" 1U (442 x 44 x 211 mm > W x H x D) with removable mounting brackets, network connectors on the front
Number of fans	2
Interfaces	
ETH	> 24 SFP ports 100/1000 Mbps > 4 combo ports (TP/SFP) with 100/1000 Mbps (SFP) and 10/100/1000 Mbps (TP) > 4 SFP/SFP+ ports 1/10 Gbps > 28 concurrent ports in total
Declaration of Conformity	
The Declaration of Conformity can be found on the product page of our website www.lancom-systems.com	
Package Content	
Manual	Quick Reference Guide (DE/EN), Installation Guide (DE/EN)
Mounting brackets	Two 19" brackets for rackmounting
Cable	IEC power cord, serial configuration cable 1.5 m